

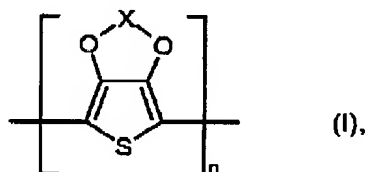
IN THE CLAIMS:

1. (Currently Amended) A dispersion comprising polyanions and cationic 3,4-polyalkylenedioxythiophenes and water or a water/alcohol mixture as a solvent, wherein ~~at least~~ about 90% of the particles of the dispersion are less than ~~about~~ 50 nm and wherein the resistivity of the coatings produced therefrom is at least about 5000  $\Omega\text{cm}$ .

2. The dispersion according to Claim 1, wherein at least about 90% of the particles are less than about 40 nm.

3. (Cancelled)

4. (Currently Amended) The dispersion according to Claim 1, wherein the 3,4-polyalkylenedioxythiophenes are compounds of the formula (I)



wherein

$n$  is an integer from 3 to 100, preferably from 4 to 15, and

$X$  is  $-(\text{CH}_2)_x-\text{CR}^1\text{R}^2-(\text{CH}_2)_y$ , where

$\text{R}^1$  and  $\text{R}^2$ , independently of one another, are H, an ~~optionally~~ ~~substituted~~ alkyl radical having from 1 to 20 carbon atoms, an aryl radical having from 6 to 14 carbon atoms or  $-\text{CH}_2-\text{OR}^3$ , where  $\text{R}^3$  is H, alkyl or  $-\text{CH}_2-\text{CH}_2-\text{CH}_2-\text{SO}_3\text{H}$ , and

$x$  and  $y$  are each, independently of one another, an integer from 0 to 9.

5. (Original) The dispersion according to Claim 1, wherein the dispersion is a 3,4-polyethylenedioxythiophene/polystyrene sulfonate dispersion.

6. (Currently Amended) The dispersion according to Claim 1, wherein the weight ratio of cationic 3,4-polyalkylenedioxythiophene to polyanion have a ratio

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ranging from between about 1:8 and about 1:25.

7. (Withdrawn) An electroluminescent arrangement containing a hole-injecting layer, wherein the hole-injecting layer has been produced from a dispersion according to Claim 1.

8. (Withdrawn) The electroluminescent arrangement according to Claim 7, wherein polyfluorenes and/or poly-para-phenylenevinyls are used as light-emitting layer.

9. (New) A dispersion according to Claim 4, wherein n is an integer from 4 to 15.